: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE

Monday, 11/6/2006 2:40:19 PM

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 29350

Estimate Numbér

: 10937

P.O. Number

: NIA

: 11/6/2006 This Issue

First Issue Previous Run²

: NA : 28864

S.O. No. :

Type

: MACHINED PARTS

Drawing Revision Material

Drawing Name

Part Number

Drawing Number

Project Number

Due Date

: 11/24/2006

: D29392

: N/A

: D2939 REV B

10 Um:

Each

Written By

Prsht Rev.

Checked & Approved By

Comment

: Est:

New DWG rev (mpp 2069) EC

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description: 7075-T7351 2X6X6.25

D6101001 1.0

1.0000 Each(s)/Unit Total: 10.0000 Each(s)

Comment: Qty.: Issue material from stock: 7075-T7351 (QQ-A-250/12)

Cut Size 2.0" x 6.25" X 6.00"

Grain Along 6.00" Length

Batch No: 1325343

and relicho

16

2.0

HAAS1

HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

Program part number and batch number.

1-Inspect part number and batch number are programmed correctly."

2-Machine Step No 1 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet

3-Machine Step No 2 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet

4-Machine Step-No 3 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet 7

5-Deburr a

3.0

MILLING CONV.

CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE Machine Keyway and inspect per attached dimension sheet

4.0

INSPECT ALL DIM TO DIM SHEET

Comment: INSPECT DIM TO DIM SHEET

5.0

QC8

SECOND CHECK

Comment: SECOND CHECK

Dart Aerospace Ltd

	WORK ORDER CHANGES									
STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvai QC Inspector				
	STEP					STEP PROCEDURE CHANGE By Date Qty Chief Eng /				

Part No:	PAR #:	_ Fault Category: _	 NCR: Yes No	DQA:	Date:	06/12/04
			QA: N/C	Closed:	Date:	

NCR:		W	ORK OR	DER NON-CONFORMANCE	(NCR)			
		Description of NC		Corrective Action Section B	Verification	Approval	Annroyal	
DATE	STEP	Section A	Initial Chief Eng			Section C	Approval Chief Eng	Approval QC Inspector
0611/10	7	TOOL RAD FOR FLANGE POCKETING IS RO. 188 INSTEAD OR RO. 30	QSI 0472	RUIBS IS ACCEPTABLE DUG WILL BE UDDATED TO SAY ROIBS	50 50	M 06/11/10	OS, 11.10 PSI 018	00.11.0
					et dige.			
		. ,						

NOTE: Date & initial all entries

	Monday, 11/6/2006 2:40:20 PM Kim Johnston	Process Sheet
G.	mer: CU-DAR001 Dart Helicopters Services	Drawing Name: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE
• Custor	Her. GO-DATOOT BUILTINIOOPIGIS GOTTOGS	<u> </u>
Job Num	ber: 29350	Part Number: D29392
Job Number:		
Seq. #:	Machine Or Operation:	Description :
6.0	HAND FINISHING1	HAND FINISHING RESOURCE #1
Co	mment: HAND FINISHING RESOURCE #1	0.00
7.0	Acid etch and Alodine as per QSI 005 4.1 POWDER COATING	POWDER COATING
Co	mment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as	per QSI 005 4.3 $\Omega_{r} = \frac{1}{2} \frac{30}{2} = \frac{100}{2}$
8.0	QC3	INSPECT POWDER COAT/CHEMICAL CONVERSION
9.0	mment: INSPECT POWDER COAT PACKAGING 1	PACKAGING RESOURCE #1
9.0	PACKAGING 1	PACKAGING RESOURCE #1
Co	mment: PACKAGING RESOURCE #1	
	Identify and Stock Location:Sty 7 1	/// 4/12/01 (1U)
10.0	QC21	FINAL/INSPECTION/W/O RELEASE
Cor	mment: FINAL INSPECTION/W/O RELEASE	P Oblialoy_
Job Completion		MD10.12.04
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Page 2

Form: rprocess

Dart Aerospace Ltd

W/O:	,	WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category: N	ICR: Ye	s No DQ	A:	Date:	

QA: N/C Closed: ____ Date: ___

WORK ORDER NON-CONFORMANCE (NCR)							
	Description of NC		Corrective Action Section B		Varification	Approval	Annroval
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspecto
						i	
					·	4.	
	STEP	STEP Description of NC Section A	STEP Description of NC Section A Initial Chief Eng	STEP Description of NC Section A Initial Chief Eng	STEP Description of NC Section A Initial Chief Eng Chi	STEP Description of NC Section A Initial Chief Eng Chi	STEP Description of NC

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	29350
Description: 206 Saddle, Inboard, Right side	Part Number:	D2939-2
Inspection Dwg: D2939 Rev. B		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

				Red	corded Actu	al Dimensi	ons		
Dim	Min	Мах	Go/No Go Gauge	1	2	3	4	Ву	Date
A	0.100	0.140		-121	. 122	-128	./21		
В	0.100	0.140		121	120	.115	120		
С	0.100	0.140		119	.118	/22	.121		
D	0.210	0.230		- 220	-221	22.0_	. 220		
E	1.245	1.255		1.250	1,250	1.256	1,250		
F	1.245	1.255		1,250	1.250	1,250	1-250		
G	2.495	2.505		2,500	2.500	2.500	2,500		
Н	0.510	0.515		0.512	0,511	0,571	0,511		
1	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.487	2,498	2.498	2,498		
К	0.257	0.262	DT8089	258	-258	-258	-258		
L	0.312	0.317	⊅18686 −	1314	-314	-314	-314		
M	0.235	0.240		0.238	0,237	0,237	0.238		
N	0.100	0.140		.118	-120	.1/9	.114		
0	0.540	0.560		.552	.532	-53/	, 551		
Р	0.490	0.510		.498	.50	. 486	, 41K		
Q	3.715	3.725		3.720	3,720	3.720	3,720		
R	2.720	2.760		2742	2772	2742	2.749		
S	0.240	0.270		249	279	-250	.245		
T	0.100	0.180		140	.140	170	140		
U	1.625	1.635	,	1.630	1.630	1630	1630		
V	1.362	1.372		1.367	1.367	1,367	1.367		
W	0.316	0.321	□T8690	13/9	319	-31	-319		
X	1.250	1.270		1.258	1.260	1,259	12595		
Υ	1.565	1.585	D 4.869€>A\B	1565	1.566	1.566	1.567		
Z						-			
AA									
AB									
AC									
AD									
AE									
AF									,
AG									
,,,									

Measured by:	Audited by	. スト
Date: O6.4.09	Date:	06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#

DART AEROSPACE LTD	Work Order:	29350
Description: 206 Saddle, Inboard, Right side	Part Number:	D2939-2
Inspection Dwg: D2939 Rev. B		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

				Red	corded Actu	ıal Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		1121	,121	.120	0.12.7		
В	0.100	0.140		. / / 4	.115	120	0.125		
С	0.100	0.140		,121_	.121	120	0,120		
D	0.210	0.230		-220	1220	4.220	0219		
E	1.245	1.255		1,250	1.258	1-250	1249		
F`	1.245	1.255		1.250	1.258	1-258	1,250		
G	2.495	2.505		2,500	2,500	5.200	2,500		
Н	0.510	0.515		0.573	0.513	0.573	0,571		
1	1.572	1.582		1.577	6-577	1,577	1.577		
J	2.495	2.505		2.418	2,498	2.459	2,500		
K	0.257	0.262	-D⊺8683	-238	-258	, 258	0.258		
L	0.312	0.317	- DI86 86	-314	-314	,317	6.314		
М	0.235	0.240		0.238	0.238	0,238	10,238		
N	0.100	0.140		./19	.115	119	0.119		
0	0.540	0.560		:532	- 552	-55/	0.554		
Р	0.490	0.510		- 500	- 500	~ Y \(\) \(\)	6.506		
Q	3.715	3.725		3,720	3,420	3,720	3.718		
R	2.720	2.760		2742	3,742	2.742	2.743		_
S	0.240	0.270		-249	-249	-250	1251		
T	0.100	0.180		2140.	-140	.140	0.140		
C	1.625	1.635		1.630	6650	1.630	1.620		
V	1.362	1.372		1.368	1368	1.361	1.367		£.
W	0.316	0.321	₽Т8890-	-376	212.	.318	6,320		•
Х	1.250	1.270		1.260	1.253	1239	1.2595		
Υ	1.565	1.585	D48696-A/B	1.566	1.567	1.566	1.565		
Z									·
AA									8)
AB									
AC									
AD									
AE				· · · · · · · · · · · · · · · · · · ·					
AF									
AG									
AH									
	Acc	ept/Reje	ct						

•	
Measured by:	Audited by 5.L
Date: 06.1(13)	Date: 06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#

DART AEROSPACE LTD Work Order: 29350

Description: 206 Saddle, Inboard, Right side Part Number: D2939-2

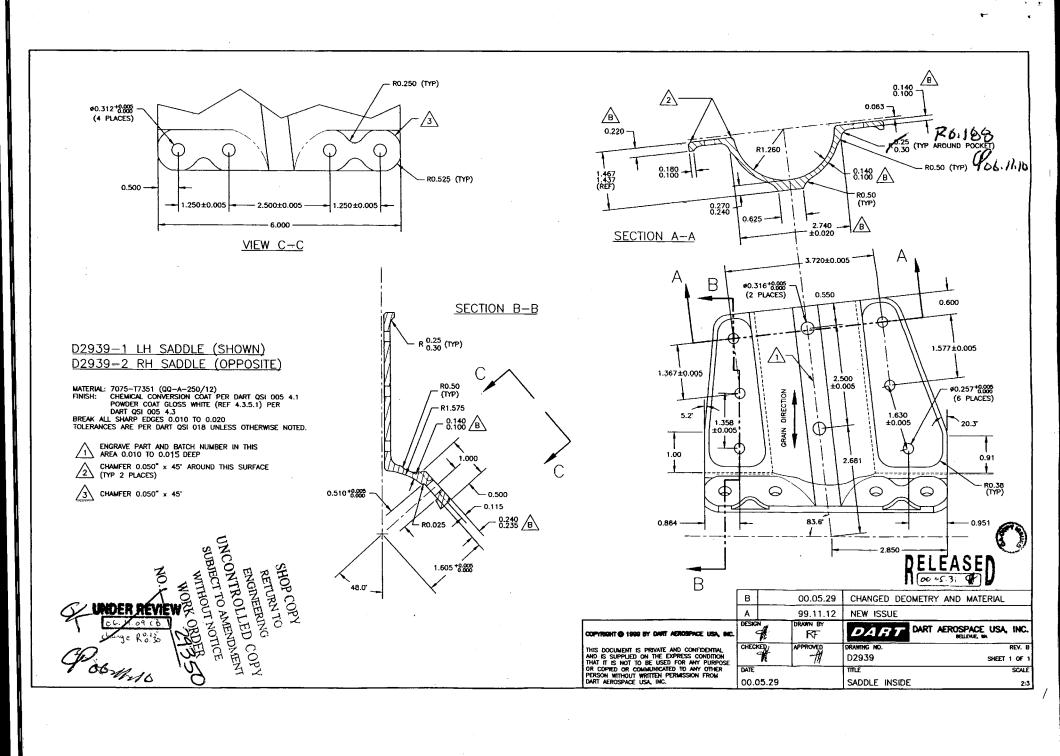
Inspection Dwg: D2939 Rev. B Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2939 Rev. B and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		0.127	0.125				<u> </u>
В	0.100	0.140		0.124	0.128				
С	0.100	0.140		0.124	0.121				
D	0.210	0.230		0,219	0.219				
E	1.245	1.255		1.250	1.249				
F	1.245	1.255		1.250	1.250				
G	2.495	2.505		2.500	2.500				
Н	0.510	0.515		0.512	0,5/2				
1	1.572	1.582		1,577	1.577				
J	2.495	2.505		2.500	2.500				
K	0.257	0.262	DT6683	0.258	0.258				
L	0.312	0.317	-D∓&686	0.314	0.314				
М	0.235	0.240		0,237	0.237				** *
N	0.100	0.140		0.119	D.119				
0	0.540	0.560		6,553	0.553				
Р	0.490	0.510		0.504	0.504				
Q	3.715	3.725		3.718	3.720				
R	2.720	2.760		2.741	2.741				
S	0.240	0.270		0.251	0.251				
T	0.100	0.180		0.140	0.140		· · · · · · · · · · · · · · · · · · ·		
U	1.625	1.635		1,628	1.628				
· V	1.362	1.372		1.366	1.366				
W	0.316	0.321	913690	0.320	0.320				
X	1.250	1.270		1-2375	1.260				
Υ	1.565	1.585	DT8695 A/B	1.565	1.565	-			
Z									
AA									
AB									
AC									
AD									
ΑE									
AF									
AG									
АН									
	Acc	ept/Reje	ct						

Measured by:	92	Audited by	J.L , ,
Date:	06/11/11	Date:	06/11/22

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	#



Chris Provencal

From: David Shepherd [dshepherd@dartaero.com]

Sent: October 19, 2006 3:31 PM

To: *'S Shahbazian'

Cc: 'Provencal, Chris'; 'Charbonneau, Eric'

Subject: RE: Radius dimension on the saddle

Change the drawings. I guess we will also change the 0.313 crosstube hole dimensions as well. See D2661 to D2668 as well as D2932 to D2933.

David

From: S Shahbazian [mailto:sshahbazian@dartaero.com]

Sent: Thursday, October 19, 2006 1:16 PM

To: Shepherd, David

Cc: Provencal, Chris; Charbonneau, Eric **Subject:** Radius dimension on the saddle

Dave.

On attach saddle drawing, according to Eric the marked-up radius that reads 0.30 and 0.25, should be 0.188 since the tooling has been changed long time ago, and apparently they have been machining those radiuses to 0.188 for a while. Do you see a problem with that? if not I will go ahead and change the drawing to reflect the changes.

Serge

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.1.408 / Virus Database: 268.13.7/488 - Release Date: 10/19/2006

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.1.408 / Virus Database: 268.13.7/488 - Release Date: 10/19/2006